

Rabbit anti-Human, Mouse VNN1 Polyclonal Antibody | anti-VNN1 antibody

VNN1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA323065	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot

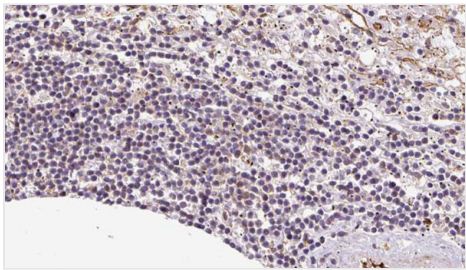
PRODUCT SYNONYMS

VNN1; Polyclonal Antibody; VNN1 Antibody; HDLCQ8; High density lipoprotein cholesterol level quantitative trait locus 8; included; Pantetheinase; Pantetheine hydrolase; Tiff66; V-1; Vanin 1; Vanin-1; Vannin 1; Vascular non inflammatory molecule 1; Vascular non-inflammatory molecule 1; VNN 1; VNN1_HUMAN; anti-VNN1 antibody

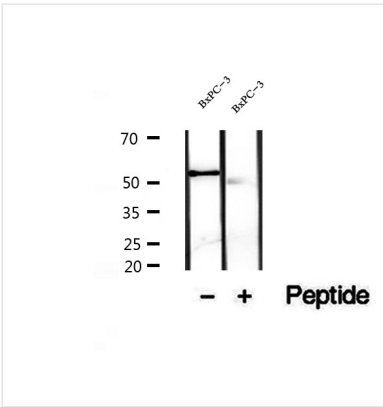
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	VNN1 antibody detects endogenous levels of VNN1.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	513
Applicable Applications for anti-VNN1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human VNN1.
Subcellular Location	Cell Membrane
Tissue Specificity	Widely expressed with higher expression in spleen, kidney and blood. Overexpressed in lesional psoriatic skin.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog, Chicken
Similarity	Pig (100%), Bovine (100%), Horse (83%), Sheep (100%), Rabbit (100%), Dog (92%), Chicken (83%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA323065 at 1/100 staining Human lymph cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)
Western blot analysis of extracts of BxPC-3 cells, using VNN1 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-VNN1 antibody	Function: Amidohydrolase that hydrolyzes specifically one of the carboamide linkages in D-pantetheine thus recycling pantothenic acid (vitamin B5) and releasing cysteamine. Subunit Structure: Monomer. Similarity: Belongs to the carbon-nitrogen hydrolase superfamily. BTD/VNN family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	223633991
NCBI GeneID	8876
NCBI Accession #	NP_004657.2
NCBI GenBank Nucleotide #	NM_004666.2
UniProt Accession #	O95497; Q4JFW6; Q4VAS7; Q4VAS8; Q4VAS9; Q9UF16; Q9UJF4; A8K310
Molecular Weight	Observed: 55-72 kDa Predicted: 58 kDa
NCBI Official Full Name	pantetheinase
NCBI Official Synonym Full Names	vanin 1
NCBI Official Symbol	VNN1
NCBI Official Synonym Symbols	HDLCQ8; Tiff66
NCBI Protein Information	pantetheinase
UniProt Protein Name	Pantetheinase
UniProt Gene Name	VNN1
UniProt Synonym Gene Names	Vanin-1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.